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PROVISIONAL SPECIFICATION.

An Improved Adjustable Device for use in connection with Surgical Trusses.

I, JOHN MINCHIN WHITAKER of 41 Grafton Street, Dublin, Ireland, Physician, and Surgeon do hereby declare the nature of this invention to be as follows :—

This invention relates to an improved adjustable device for holding pressure pads in connection with trusses for surgical purposes. In the ordinary device at present employed the oscillating tongue, or plate to which the pressure pad is attached rotates on a central pivot, and the mode of securing same at any angle is by means of a pivot working in a curved slot in the free end of said oscillating tongue or plate. The range of rotation of the tongue or plate is therefore limited to the extent of the curved slot which is a disadvantage, and inconvenient in practice.

My invention is designed to obviate this inconvenience, and to this end, instead of mounting the oscillating tongue or plate on a central pivot, I mount it on two pivots or pins passing through a circular aperture formed at the base of the oscillating tongue, or plate, and also through a stationary disk or washer placed over same, so that the tongue or plate will be capable of rotating in a complete circle round a fixed centre, while at the same time, means will be afforded whereby its adjustment at any given angle can be secured at two intervals, and thus the pressure pad can be conveniently arranged above, or below the truss as may be required, and the danger of displacement is reduced to a minimum.

Dated this 11th day of June 1890.

J. K. FAHIE & SON,

9, Westland Row, Dublin, Agents for Applicant.

COMPLETE SPECIFICATION.

An Improved Adjustable Device for use in connection with Surgical Trusses.

I, JOHN MINCHIN WHITAKER, of 41 Grafton Street, Dublin, Ireland, Physician and Surgeon do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

This invention relates to an improved adjustable device for holding pressure pads in connection with trusses for surgical purposes.

In the ordinary adjustable device at present employed, the oscillating tongue, or plate to which the pressure pad is attached rotates on a central pivot, and the mode of securing same at any angle is by means of a pivot, working in a curved slot in the free end of said oscillating tongue or plate. The range of rotation of the tongue or plate is therefore limited to the extent of the curved slot, which is a disadvantage, and inconvenient in practice.

My invention is designed to obviate this inconvenience, and to this end instead of mounting the oscillating tongue or plate on a central pivot, I mount it on two pivots or pins passing through a circular aperture formed at the base of the oscillating tongue, or plate, and also through two stationary disks, or washers placed under and over same, so that the tongue or plate will be capable of rotating in a complete circle round a fixed centre, while at the same time, means will be afforded whereby its adjustment at any given angle can be secured at two intervals, and thus the pressure pad can be conveniently arranged above or below the truss, as may be required, and the danger of displacement is reduced to a minimum.

[Price 6d.]

Whitaker's Improved Adjustable Device for use in connection with Surgical Trusses.

In order that my said invention may be more readily understood, I will describe the accompanying drawings :

Fig. 1, represents the device ordinarily in use, and known as L'Estrange's Patent ;

Fig. 2, represents my improved device complete ;

Fig. 3, is a similar view with the upper disk (shown in Fig. 4) removed ;

Fig. 5, is the lower disk.

In Fig. 1, it will be seen that the tongue or plate a , oscillates on the pivot a^1 , and that its rotatory movement is limited to the extent of the curved slot a^2 .

In the arrangement of my invention the disk, Fig. 5, is first placed on the plate b , and a margin round its edge being countersunk, the circular aperture of the tongue c , is placed on same, whereupon the disk, Fig. 4, is laid over the tongue, and the screws d, d , inserted. By this arrangement the tongue is free to turn on a fixed centre, and to perform a complete circle as indicated by the dotted line Fig. 2.

Thus the pad can be conveniently arranged at any convenient angle, either above or below the truss, and its position secured by the two screws d, d , as well as by the ordinary fixing screw e .

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is.

In connection with surgical trusses, the use, and application of a device, constructed, arranged, and operating substantially in the manner herein specified, and illustrated in Figs. 2 to 5 inclusive.

Dated this 11th day of March 1891.

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9, Westland Row, Dublin, Agents for Applicant.

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[This Drawing is a reproduction of the Original on a reduced scale.]

Fig. 4



Fig. 5

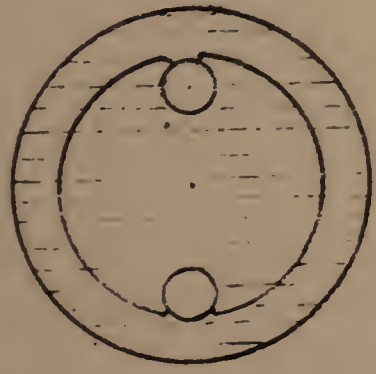


Fig. 3

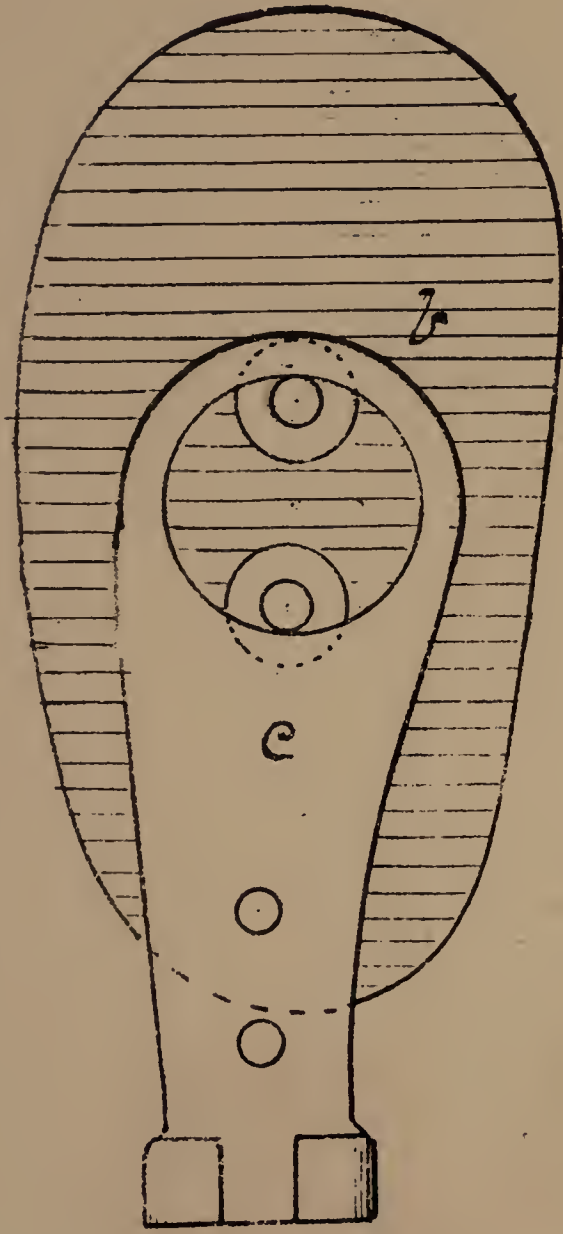


Fig. 2

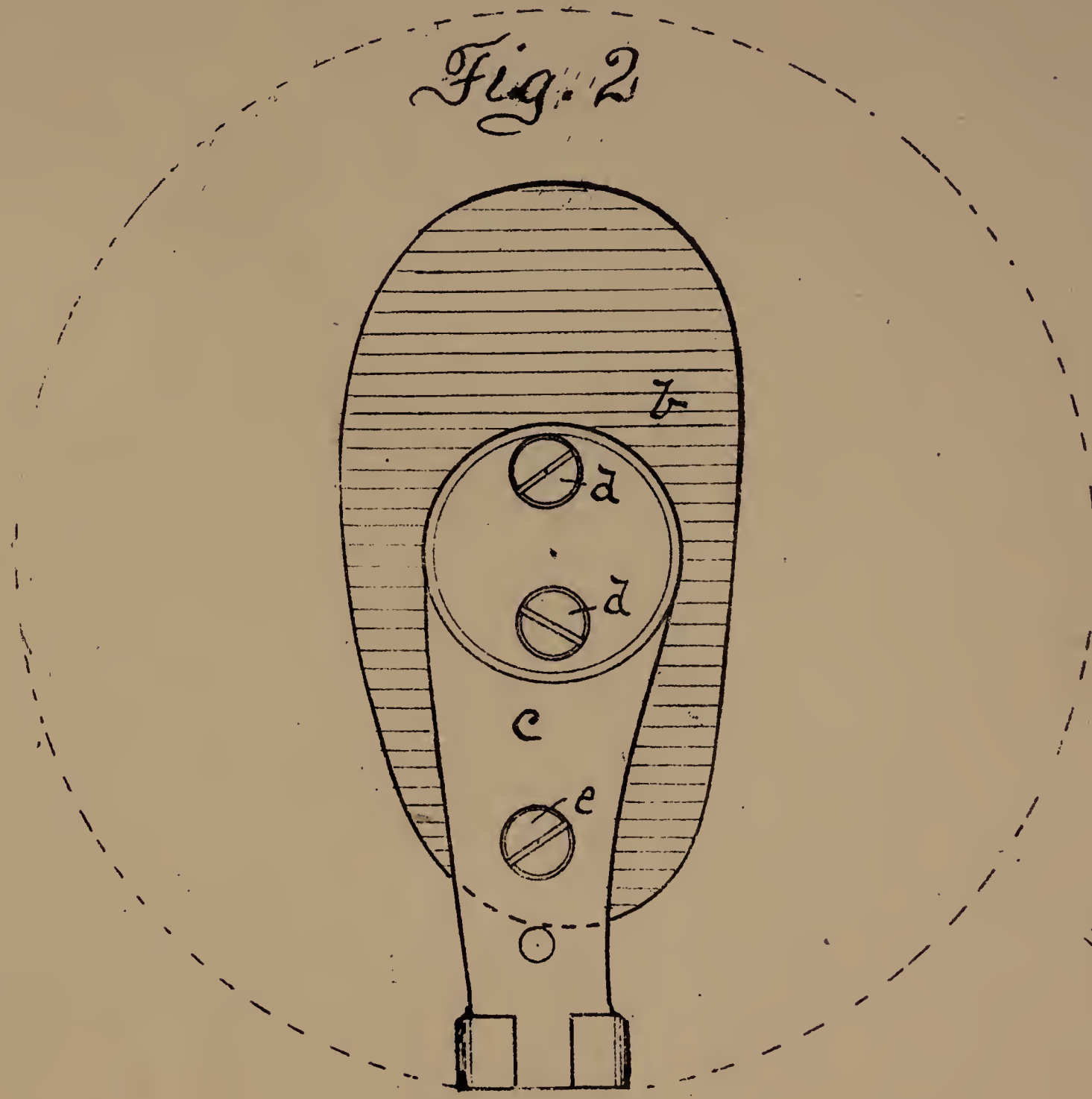


Fig. 1

